



**Texas State Soil and Water Conservation Board  
Clean Water Act §319(h) Nonpoint Source Grant Program  
FY 2016 Workplan 16-09**

SUMMARY PAGE						
Title of Project	Implementing Agricultural Nonpoint Source Components of the Mill Creek Watershed Protection Plan					
Project Goals	<ul style="list-style-type: none"><li>• Provide technical assistance to agricultural producers for the development of Water Quality Management Plans (WQMPs) and implementation of Best Management Practices (BMPs) and track progress</li><li>• Provide educational programs to increase stakeholders and citizens knowledge about water quality issues in the watershed</li><li>• Conduct status reviews on WQMPs to track implementation success</li><li>• Foster coordinated technical assistance activities between TSSWCB, the local SWCD, and NRCS</li><li>• Inform and coordinate project efforts with the Mill Creek Watershed Steering Committee, Watershed Coordinator, and Feral Hog Extension Assistant</li></ul>					
Project Tasks	(1) Project administration; (2) Promotion and implementation of the TSSWCB WQMP Program					
Measures of Success	<ul style="list-style-type: none"><li>• Provide needed technical assistance to agricultural producers;</li><li>• Development and implementation of WQMPs;</li><li>• Implementation of management measures outlined in the Mill Creek WPP;</li><li>• Reduction in potential pollutant loads of streams from NPS pollution from agricultural operations</li></ul>					
Project Type	Implementation (X ); Education ( ); Planning ( ); Assessment ( ); Groundwater ( )					
Status of Waterbody on 2014 Texas Integrated Report	Segment ID 1202K		Parameter Bacteria		Category 5c	
Project Location (Statewide or Watershed and County)	Mill Creek and its tributaries in Austin and Washington Counties					
Key Project Activities	Hire Staff (X); Surface Water Quality Monitoring ( ); Technical Assistance (X); Education (X); Implementation (X); BMP Effectiveness Monitoring ( ); Demonstration ( ); Planning ( ); Modeling ( ); Bacterial Source Tracking ( ); Other ( )					
2012 Texas NPS Management Program Reference	<ul style="list-style-type: none"><li>• Component 1 – Long Term Goal – Objectives 1, 2, 3</li><li>• Component 1 – Short Term Goal 2 – Objectives A, B, D</li><li>• Component 1 – Short Term Goal 3 – Objectives A, D G</li><li>• Components 2, 3 and 4</li></ul>					
Project Costs	Federal	\$153,894	Non-Federal	\$0	Total	\$153,894
Project Management	Austin County Soil and Water Conservation District					
Project Period	September 1, 2016 – August 31, 2019					

**Part I – Applicant Information**

Applicant							
Project Lead		Charles Goeke					
Title		Chairman					
Organization		Austin County Soil and Water Conservation Board #347					
E-mail Address		<a href="mailto:austincounty@swcd.texas.gov">austincounty@swcd.texas.gov</a>					
Street Address		520 South Front					
City	Bellville	County	Austin	State	Tx	Zip Code	77418
Telephone Number		979-865-3139		Fax Number		979-865-3625	

Project Partners	
Names	Roles & Responsibilities
Texas State Soil and Water Conservation Board (TSSWCB)	Provide state oversight and management of all project activities and ensure coordination of activities with related projects and TCEQ.
Austin County Soil and Water Conservation District (SWCD 347)	Supervise one technician. Develop, implement and maintain WQMPs. Conduct status reviews. Responsible for all project deliverables.
Washington Soil and Water Conservation District (#348 )	Collaborate with SWCD #347 to promote stakeholder participation in WQMPs and support the work of the technician in the Washington County portion of the Mill Creek Watershed.
United States Department of Agriculture-Natural Resources Conservation Service (NRCS)	Support SWCD Technician in the development, implementation, and maintenance of WQMPs. Provide training as necessary to the technician.
Texas A&M AgriLife Extension Service –	Support the SWCD Technician in educational program and resource development and delivery and in maintaining communication with the Steering Committee and Watershed Coordinator. Collaborate with SWCD #347 to track implementation of BMPs for incorporation into the Mill Creek WPP biennial update.
Mill Creek Watershed Steering Committee	Collaborate as critical local stakeholders and play a lead role in communicating with other local stakeholders.

**Part II – Project Information****Project Type**

Surface Water	<input checked="" type="checkbox"/>	Groundwater	<input type="checkbox"/>							
Does the project implement recommendations made in (a) a completed WPP, (b) an adopted TMDL, (c) an approved I-Plan, (d) a Comprehensive Conservation and Management Plan developed under CWA §320, (e) the <i>Texas Coastal NPS Pollution Control Program</i> , or (f) the <i>Texas Groundwater Protection Strategy</i> ?							Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
If yes, identify the document.		<i>Watershed Protection Plan for the Mill Creek</i>								
If yes, identify the agency/group that developed and/or approved the document.		Texas A&M AgriLife Extension Service				Year Developed	2015			

**Watershed Information**

Watershed or Aquifer Name(s)	Hydrologic Unit Code (12 Digit)	Segment ID	Category on 2014 IR	Size (Acres)
Mill Creek	1207010402	1202K	5c	256,000

**Water Quality Impairment**

Describe all known causes (i.e., pollutants of concern) and sources (e.g., agricultural, silvicultural) of water quality impairments or concerns from any of the following sources: *2014 Texas Integrated Report*, Clean Rivers Program Basin Summary/Highlights Reports, or other documented sources.

Mill Creek (Segment 1202K) is a 263,450-acre watershed in the Brazos River Basin that is identified as impaired on the 2014 303(d) list due to bacterial contamination. Segment 1202K is listed in the 2014 Integrated Report as impaired and utilized 26 samples for assessment taken during the 7-year period between December 2005 and November 2012. The geometric mean of these data for *E. coli* bacteria was 191.85 colony forming units per 100 milliliters (cfu/100 mL), which exceeds the state standard of 126 cfu/100 mL.

The 2014 Texas Integrated Report lists the source of the bacteria impairment for Mill Creek as unknown. Watershed reconnaissance performed on Mill Creek in 2007 as part of an RUAA noted that land use in the watershed is used predominantly for agricultural purposes. The RUAA also noted the presence of three wastewater treatment plants in the watershed.

**Project Narrative****Problem/Need Statement**

In 2013, the TSSWCB and Extension identified Mill creek for WPP development due to two primary factors: 1) it had been listed as impaired due to bacteria levels in exceedance of the recreational contact use standard, and 2) the aforementioned RUAA had concluded the recreational contact use designation and concurrent water-quality standards were appropriate. The TSSWCB projects 14-57 and 15-54 entitled *Phase 1: Data Collection and Development of Essential Components for the Mill Creek Watershed Protection Plan* and *Phase 2: Development of a Watershed Protection Plan for Mill Creek*, respectively, began in 2014. These projects included water quality monitoring, water quality modeling, and WPP development. The WPP development was a stakeholder driven process led by Extension with vital support from TSSWCB. The Mill Creek Watershed Partnership Steering Committee included local officials, land and business owners and citizens and is supported by state and federal agency partners. With technical assistance from project staff, the Steering Committee identified issues that are of particular importance to the surrounding communities, contributed information on land use and activities that helped to identify potential sources of bacteria, and guided development of the WPP. The WPP was accepted by EPA in February of 2016.

Through the WPP development process, stakeholders identified three categories of potential nonpoint sources of bacteria in the watershed: urban, on-site wastewater, and agricultural. SELECT was utilized to estimate distributions and the degree of contribution of these potential pollutant sources within the watershed. Management measures were identified to address each of the potential sources. The timeline for full implementation of management measures identified in the Mill Creek WPP is 10 years.

As identified during development of the WPP, nonpoint agricultural sources of pollutant loading may be addressed by implementing BMPs on agricultural operations. Agricultural producers, along with SWCDs, TSSWCB and NRCS, have been collaborating to protect the natural resources in Texas for decades. Through the TSSWCB's WQMP Program, farmers and ranchers routinely implement BMPs on their land utilizing financial and technical assistance programs of SWCDs who receive state and federal funds from TSSWCB, EPA, and NRCS. A WQMP is a site-specific plan developed through, and approved by, SWCDs which includes appropriate land treatment practices, production practices, management measures, and technologies that prevent and abate agricultural and silvicultural nonpoint source pollution. The BMPs prescribed in a WQMP are defined in the NRCS Field Office Technical Guide. SWCDs provide technical assistance to producers seeking to develop a WQMP. TSSWCB and NRCS have various financial assistance programs that help producers implement a WQMP. Because of this, and similar programs, the State of Texas has been able to demonstrate major successes in the improvement of water quality conditions through on-the-ground conservation results.

Expanding participation of agricultural producers in WPP implementation is essential to achieve water quality improvement. As an established and well-known local entity, the Austin County SWCD is uniquely situated to engage and support agricultural producers in watershed restoration and protection efforts, including implementation of appropriate BMPs to address nonpoint source pollution.

Technical support from the Austin County and Washington SWCDs and NRCS personnel is critical for proper selection and placement of appropriate management measures on individual agricultural properties. However, due to the number of management plans that will be needed, a new position dedicated specifically to WQMP development in the watershed will be necessary to provide direct assistance to agricultural producers, with emphasis on the sources and geographical areas within the watershed identified through the Mill Creek WPP.

## Project Narrative

### General Project Description

A comprehensive watershed approach focused on the most significant potential sources of NPS pollution contributing to the current impairments was used for WPP development. Recommended BMPs were identified for implementation by the Steering Committee, focus groups and partner agencies (Table 8.1 in the WPP). This project provides funding to support implementation of recommended agricultural management measures identified for action in the WPP during the 10-year implementation schedule.

To achieve this goal, the TSSWCB will administer federal CWA §319(h) funds through the Austin County SWCD #347 for support of one District Technician who will provide technical assistance to agricultural producers in developing and implementing WQMPs and Prescribed Grazing Plans in the Mill Creek Watershed. WQMPs are developed according to the NRCS Field Office Technical Guide. Once the WQMP is developed, it will be sent to the appropriate TSSWCB regional office for technical review and certification. Upon certification of the WQMP, the District Technician will work with the landowners to implement the BMPs prescribed in the WQMP.

The District Technician will be placed in the Austin County SWCD office and will work under the direction of the SWCD, with assistance from the TSSWCB, Washington SWCD, NRCS, and Watershed Coordinator, as needed. The District Technician also will assist landowners in applying for and obtaining financial incentives to aid in implementation of BMPs prescribed in WQMPs.

The District Technician will conduct annual status reviews on all WQMPs developed and certified through the course of this project to ensure that landowners implement BMPs as specified and agreed to in the WQMP implementation schedule. The District Technician will track utilization of obligated financial incentives and assist landowners in utilizing these funds on schedule. The District Technician will complete an aggregate final report which describes the success of the project including WQMPs developed, BMPs implemented, and financial incentives funds obligated and utilized.

The District Technician also will work with TSSWCB, NRCS and the Watershed Coordinator to educate agricultural producers about water quality issues and how WQMPs and BMPs address NPS pollution from agriculture. The Technician will work with commodity organizations, such as Texas and Southwestern Cattle Raisers Association (TSCRA), Independent Cattlemen's Association of Texas (ICA), Texas Farm Bureau (TFB), and others to educate their members about how BMPs can protect and enhance the value of their operation and achieve water quality goals for the watershed at the same time. The Technician will cooperate and communicate with the Mill Creek Watershed Steering Committee in order to effectively and efficiently achieve project goals and to summarize activities and achievements made throughout the course of this project.

### Mill Creek HUC 12 sub-watersheds



Tasks, Objectives and Schedules						
Task 1	Project Administration					
Costs	Federal	\$15,973	Non-Federal	\$0	Total	\$15,973
Objective	To effectively administer, coordinate and monitor all work performed under this project including technical and financial supervision and preparation of status reports.					
Subtask 1.1	The Austin County SWCD will prepare electronic quarterly progress reports (QPRs) for submission to the TSSWCB. QPRs shall document all activities performed within a quarter and shall be submitted by the 15 <sup>th</sup> of January, April, July and October. QPRs shall be distributed to all Project Partners.					
	Start Date:	Month 1		Completion Date:	Month 36	
Subtask 1.2	The Austin County SWCD will perform accounting functions and will submit appropriate Reimbursement Forms to TSSWCB at least monthly.					
	Start Date:	Month 1		Completion Date:	Month 36	
Subtask 1.3	The Austin County SWCD will host coordination meetings or conference calls with the TSSWCB Project Manager, TSSWCB Field Representative and Extension, at least quarterly, to discuss project activities, project schedule, communication needs, deliverables, and other requirements. The Austin County SWCD will develop lists of action items needed following each project coordination meeting and distribute to project personnel.					
	Start Date:	Month 1		Completion Date:	Month 36	
Subtask 1.4	Austin County SWCD will complete one financial audit during the project period.					
	Start Date:	Month 1		Completion Date:	Month 36	
Subtask 1.5	The Austin County SWCD will develop a final report at the culmination of the project. At a minimum the Final Report shall describe the success of the project including WQMPs developed and BMPs implemented.					
	Start Date:	Month 1		Completion Date:	Month 36	
Deliverables	<ul style="list-style-type: none"><li>• Quarterly Progress Reports in electronic format</li><li>• Reimbursement forms and necessary documentation in hard copy format</li><li>• Final Report in electronic and hard copy formats</li></ul>					

Tasks, Objectives and Schedules						
Task 2	Promotion and Implementation of the TSSWCB WQMP Program					
Costs	Federal	\$137,921	Non-Federal	\$0	Total	\$137,921
Objective	To promote WQMP development and implementation, encourage participation, and provide technical assistance to agricultural producers for the development and implementation of WQMPs. Promote the availability of financial incentives to support BMP implementation. Track implementation of WQMPs to achieve load reductions as identified in the Mill Creek WPP.					
Subtask 2.1	The Austin County SWCD will hire one District Technician to promote, develop, and implement WQMPs.					
	Start Date:		Month 1	Completion Date:		Month 36
Subtask 2.2	The District Technician will identify landowners in priority areas to distribute notifications announcing the availability of technical assistance and financial incentives for developing and implementing WQMPs. The District Technician will develop and distribute flyers, brochures, letters, news releases and other appropriate promotional publications to encourage participation from agricultural producers. TSSWCB must approve all announcements, letters and publications prior to distribution.					
	Start Date:		Month 1	Completion Date:		Month 36
Subtask 2.3	The District Technician will work with TSSWCB, NRCS and the Mill Creek Watershed Coordinator					

	to educate producers about water quality issues and how WQMPs and BMPs address pollutant contamination from agriculture.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.4	The District Technician will work with commodity organizations, such as Texas and Southwestern Cattle Raisers Association (TSCRA), Independent Cattlemen's Association of Texas (ICA), and Texas Farm Bureau (TFB), to educate their members on this opportunity to enhance the value of their operation and achieve water quality goals for the watershed at the same time.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.5	The District Technician, with assistance from NRCS and TSSWCB, will assist landowners in the development of WQMPs and associated Prescribed Grazing Plans. The District Technician will develop at least 5 WQMPs but shall strive to develop additional WQMPs beyond the 5.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.6	The District Technician, with assistance from NRCS and TSSWCB, will assist landowners in applying for and obtaining financial incentives to aid in implementation of BMPs prescribed in WQMPs. \$75,000 in CWA §319(h) funding (TSSWCB project 16-02) is available as financial incentive through the TSSWCB WQMP Program. Landowners shall be eligible to receive a maximum financial incentive amount of \$15,000 from the TSSWCB §319(h) funds. The maximum financial incentive rate shall not exceed 60% of the cost of implementation of the BMPs. The remaining 40% will be provided by the landowner. Financial incentives will be based on actual costs not to exceed the average cost of the practice.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.7	The District Technician will prioritize WQMP development and financial incentive applications consistent with the priority areas identified in the WPP.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.8	The District Technician will conduct annual status reviews on all WQMPs developed and certified through the course of this project and any existing WQMPs (certified prior to this project) in the Mill Creek watershed to ensure that landowners implement BMPs as specified and agreed to in the WQMP implementation schedule. The District Technician will document any follow-up technical assistance needed or necessary modifications to the WQMP implementation schedule.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.9	The District Technician will track utilization of obligated financial incentives. The District Technician, with assistance from TSSWCB and NRCS, will assist landowners in utilizing obligated financial incentives on schedule.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.10	To encourage the use of soil testing in support of Nutrient Management (590), the Austin County SWCD, will assist holders of WQMPs in the acquisition of current soil tests. This project will pay up to \$10 per soil test sample; this project will pay for all soil tests necessary to comply with soil testing frequencies described in each WQMP and consistent with the NRCS practice standard for Nutrient Management (590). Soil tests paid for with project funding must be completed by a public soil testing laboratory, such as the Texas A&M AgriLife Extension Service Soil, Water and Forage Testing Laboratory.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.11	The District Technician will create a spreadsheet and map describing and showing the location of all WQMPs developed and BMPs implemented through the project. The map will not reveal the identity or exact location of any producer.			
	Start Date:	Month 1	Completion Date:	Month 36
Subtask 2.12	The District Technician will meet monthly with the Austin County SWCD and other parties to efficiently and effectively achieve project goals; summarize activities and achievements made throughout the course of this project; and discuss project activities, project schedule, communication needs, deliverables, and other requirements.			
	Start Date:	Month 1	Completion Date:	Month 36



Subtask 2.13	The District Technician will cooperate and communicate with the Mill Creek Watershed Coordinator in order to efficiently and effectively achieve project goals and to summarize activities and achievements made throughout the course of this project. Specifically, the District Technician will, at least, participate in any stakeholder meetings held under the auspices of the Mill Creek Watershed Steering Committee.			
	Start Date:	Month 1	Completion Date:	Month 36
Deliverables	<ul style="list-style-type: none"> <li>Promotional and educational publications, as developed and distributed</li> <li>Status reviews for WQMPs</li> <li>Map of project area showing location of WQMPs developed; map will not reveal the identity of any landowner</li> </ul>			

### Project Goals (Expand from Summary Page)

- Provide technical assistance to agricultural producers for the development of Water Quality Management Plans (WQMPs) and implementation of Best Management Practices (BMPs) and track progress
- Provide educational programs to increase stakeholders and citizens knowledge about water quality issues in the watershed
- To conduct status reviews on WQMPs to track implementation success
- To foster coordinated technical assistance between TSSWCB, SWCDs and NRCS
- Inform and coordinate project efforts with the Mill Creek Watershed Steering Committee and Coordinator

### Measures of Success (Expand from Summary Page)

- Provide needed technical assistance to agricultural producers
- Development and implementation of WQMPs
- Implementation of agricultural management measures outlined in the Mill Creek WPP
- Reduction in potential pollutant loads of streams from NPS pollution from agricultural operations

**2012 Texas NPS Management Program Reference (Expand from Summary Page)****Components, Goals, and Objectives**

Component One – Explicit short- and long-term goals, objectives and strategies that protect surface and ground water.  
 Long-Term Goal – Protect and restore water quality affected by NPS pollution through assessment, implementation, and education.

- Objective 1 – Focus NPS abatement efforts, implementation strategies, and available resources in watersheds and aquifers identified as impacted by nonpoint source pollution.
- Objective 2 – Support the implementation of state, regional, and local programs to prevent NPS pollution through assessment, implementation, and education.
- Objective 3 – Support the implementation of state, regional, and local programs to reduce NPS pollution, such as the implementation of strategies defined in TMDL I-Plans, WPPs, and other water planning efforts in the state..

Short-Term Goal Two – Implementation – Coordinate the NPS Program to support the implementation of TMDL I-Plans ...and other state, regional, and local plans/programs to reduce NPS pollution ...[by] target[ing] implementation activities to the areas identified as impacted

- Objective A – Work with regional and local entities to determine priority areas and develop and implement strategies to address NPS pollution in those areas.
- Objective B – Develop and implement BMPs to address constituents of concern or waterbodies not meeting water quality standards in watersheds identified as impacted by NPS pollution
- Objective D – Implement TMDL I-Plans, WPPs, and other state, regional, and local plans developed to restore and maintain water quality in waterbodies identified as impacted by NPS pollution.

Short-Term Goal Three – Education – Conduct education and technology transfer activities to increase awareness of NPS pollution and activities which contribute to the degradation of water bodies, including aquifers, by NPS pollution

- Objective A – Enhance existing outreach programs at the state, regional, and local levels to maximize the effectiveness of NPS education.
- Objective D – Conduct outreach through the CRP, AgriLife Extension, SWCDs, and others to enable stakeholders and the public to participate in decision-making and provide a more complete understanding of water quality issues and how they relate to each citizen.
- Objective G – Implement public outreach and education to maintain and restore water quality in water bodies by NPS pollution.

Component Two – Working partnerships and linkages to appropriate state, regional, and local entities, private sector groups, and federal agencies.

Component Three – Balanced approach that emphasizes both statewide NPS programs and on-the-ground management of individual watersheds.

Component Four – Abatement of water quality impairments from NPS pollution and prevention of significant threats to water quality from present and future NPS activities.

### Estimated Load Reductions Expected

Estimated load reductions expected from implementing this project are based on information in the Mill Creek WPP, primarily table 8.1, 8.2, and 8.3.

The goals of the Mill Creek WPP are to reduce nonpoint source loadings of bacteria (impairment) from identified sources within the watershed. Management measures contained in the WPP focus on bacteria reduction, but through implementing the management measures, reductions in nutrient loading will also be realized. This scope of work will address nonpoint source loadings from agricultural nonpoint sources through development of Water Quality Management Plans for agricultural operations in the watershed. Currently there are 4 certified WQMPs in the Austin County portion of the Mill Creek watershed, and 10 in Washington County portion, which equates to approximately 1,648 acres within the two counties.

In order to calculate estimated load reductions, we assumed that, consistent with Subtask 2.5 (and pages 62-63 of the WPP), all 5 WQMPs to be implemented are assumed to be in subwatersheds with the greatest number of operations, operations with the greatest number of animal units, and particularly those located closest to streams and drainage areas. The load reduction from the District Technician agricultural education component in this project is consistent with Table 8.3 for the total load reduction (over the 10 year implementation schedule).

Management Measure		Estimated <i>E. coli</i> Load Reductions Expected (cfu/day)
District Technician	Full WPP Implementation	$1.02 \times 10^{15}$
	This Project	$80 \times 10^6$

Participation in the TSSWCB WQMP Program by individual ranchers and farmers is voluntary. The decision to participate is based on a number of factors, including the producer's ability to provide the cost-share match (40% in this project). Adoption of BMPs and participation in the WQMP Program by producers is highly dependent on the success or failure of outreach and education initiatives and social marketing campaigns. Effectiveness of particular BMPs in reducing pollutants is dependent on a myriad of factors, including natural weather phenomena and the ability of producers to correctly install, operate, maintain or manage the BMP. There will be complementary nitrogen and sediment load reductions achieved from livestock and cropland WQMPs, and supplementary bacteria load reductions achieved from livestock and cropland WQMPs. With these factors accounted for, the estimated load reductions to be expected, as presented above, should be regarded as the "best case scenario" with probability that actual load reductions achieved will be less.

The mechanism for reporting pollutant load reductions achieved through implementation of BMPs funded with CWA §319(h) monies is through the EPA Grants Reporting and Tracking System (GRTS). Actual load reductions achieved can only be reported after the BMPs are installed and operational.

### EPA State Categorical Program Grants – Workplan Essential Elements

#### FY 2011-2015 EPA Strategic Plan Reference

Strategic Plan Goal – Goal 2 Protecting America's Waters

Strategic Plan Objective – Objective 2.2 Protect and Restore Watersheds and Aquatic Ecosystems

## Part III – Financial Information

### Budget Summary

Federal	\$ 153,894	% of total project	100%
Non-Federal	\$ 0	% of total project ( $\geq 40\%$ )	0%
Total	\$ 153,894	Total	100%
Category	Federal	Non-Federal	Total
Personnel	\$ 120,200	\$ 0	\$ 120,200
Fringe Benefits	\$ 18,030	\$ 0	\$ 18,030
Travel	\$ 7,578	\$ 0	\$ 7,578
Equipment	\$ 0	\$ 0	\$ 0
Supplies	\$ 2,900	\$ 0	\$ 2,900
Contractual	\$ 4,000	\$ 0	\$ 4,000
Construction	\$ 0	\$ 0	\$ 0
Other	\$ 1,186	\$ 0	\$ 1,186
Total Direct Costs	\$ 153,894	\$ 0	\$ 153,894
Indirect Costs ( $\leq 15\%$ )	\$ 0	\$ 0	\$ 0
Total Project Costs	\$ 153,894	\$ 0	\$ 153,894

Budget Justification (Federal)		
Category	Total Amount	Justification
Personnel	\$ 120,200	1 full-time technician for 3 years (\$113,000) 1 part-time Bookkeeper @ \$20/hr for 10hrs/month for 3 years (\$7,200)
Fringe Benefits	\$ 18,030	Fringe benefits calculated @ 15%
Travel	\$ 7,578	4,200 miles/yr @ state rate (\$6,804) Per diem @ \$46/day and hotel expenses @ \$83/night for 6 overnight trips (\$774)
Equipment	\$ 0	N/A
Supplies	\$ 2,900	Office supplies include pens, pencils, paper, printer cartridges, folders, envelopes, mailing labels, flash drives, etc. for SWCD @ \$25/month for 3 years (\$900,); laptop and printer @ \$2,000
Contractual*	\$ 4,000	Financial audit for Austin County SWCD
Construction	\$ 0	N/A
Other	\$ 1,186	Job posting (\$336); Soil tests (15 soil samples at \$10/test = \$150) ; training registration fees (\$400); Postage for mail outs and soil test (\$300);
Indirect	\$ 0	N/A

Budget Justification (Non-Federal)		
Category	Total Amount	Justification
Personnel	\$ 0	N/A
Fringe Benefits	\$ 0	N/A
Travel	\$ 0	N/A
Equipment	\$ 0	N/A
Supplies	\$ 0	N/A
Contractual	\$ 0	N/A
Construction	\$ 0	N/A
Other	\$ 0	N/A
Indirect	\$ 0	N/A